

This is a RED Stamp

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL**

Manual No.: 5-21000-OPS-GW
Procedure No.: Table of Contents, Rev 10
Page: 1 of 2
Effective Date: 04/13/93
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)

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FOR VOLUME II: GROUNDWATER**

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GW.01	Water Level Measurements in Wells and Piezometers	2	05/12/92
DCN 92.01	Improve Form	2	10/28/92
DCN 93.01	Measuring Water Levels in Well Points	2	01/28/93
GW.02	Well Development	2	05/12/92
DCN 92.01	Practice Clarification	2	10/05/92
DCN 92.02	Update Forms to Include Form Number	2	10/22/92
• DCN 93.01	Well Fluid Volumes	2	04/13/93
GW.03	Pump-In Borehole Packer Testing	2	05/12/92
GW.04	Slug Testing	2	05/12/92
GW.05	Field Measurement of Groundwater Field Parameters	2	05/12/92
DCN 92.01	Eliminate Unsafe Work Practice	2	10/26/92
GW.06	Groundwater Sampling	2	05/12/92
DCN 92.01	Form Update	2	10/05/92
DCN 92.02	Update Forms to Include Form Number	2	10/22/92

DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

ADMIN RECORD

A-SW-000599

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<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GW.08	Aquifer Pumping Tests	1	05/12/92
DCN 92.01	Expired	1	05/22/92
DCN 92.02	Expired	1	05/15/92

This is a
CONTROLLED DOCUMENT ENVIRONMENTAL MANAGEMENT
EG&G - ROCKY FLATS PLANT **DOCUMENT CHANGE NOTICE (DCN)**
ENVIRONMENTAL MANAGEMENT
This is a RED Stamp

Procedure Number 5-21000-OPS-GW, GW.2, Rev. 2

Page 1 of 1

Title	Well Development	Date	4-13-93 <i>dw</i>	DCN Number	93.01 <i>dw</i>
Expires	4-13-94 <i>dw</i>	Procedure Revision Required	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation	Alluvial wells within landfilled material for OU-7, Present Landfill				

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	9/11	5.2.1.1, 4th bullet	<p>Replace the following for text in bullet:</p> <p>In the Present Landfill, an area of high void space and low yield, well development will be limited to well casing volumes. The fluid volume lost in the borehole during drilling will not be added to development volumes.</p> <p style="text-align: center;">DOCUMENT CLASSIFICATION REVIEW WAIVER PER R.B. HOFFMAN, CLASSIFICATION OFFICE JUNE 11, 1991</p>

Justification (Reason for Change — Provide Numbers To Reference Corresponding Items Above)

1. Due to the irregular nature and high volume of void space within the landfill, the fluid lost during drilling is rapidly dispersed and not recoverable during purging and well development activities. Recovery of water within the landfill wells is so limited that attempting to obtain the required additional volume is not reasonable to support the current sampling schedule. Due to the nature of the high volume and irregularity of void spaces, this will not impact data quality.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	4/12/93	<i>K.K. O'Neil</i>	User	X	3/24/93
<i>M.C. Brown</i>	EOM	X	4-7-93	<i>M.C. Brown</i>	EQS	X	3-25-93
				<i>Q.L. P...ion</i>	User	X	4/5/93
Approval of Responsible Manager		Date		Is Posting Req'd?		If Yes, By What Date?	
<i>[Signature]</i>				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Upon Receipt	
						Date Posted	

APR 12 1993